Document made available under the Patent Cooperation Treaty (PCT)

International application number: PCT/US05/001200

International filing date:

18 January 2005 (18.01.2005)

Document type:

Certified copy of priority document

Document details:

Country/Office: US

Number:

60/536,838

Filing date:

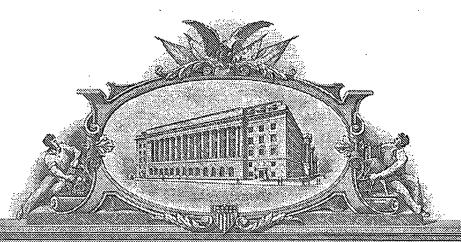
16 January 2004 (16.01.2004)

Date of receipt at the International Bureau: 18 February 2005 (18.02.2005)

Remark: Priority document submitted or transmitted to the International Bureau in

compliance with Rule 17.1(a) or (b)





(30) SIMO(NIGCIXIANNIXICIKANI/ODIA)

TO ALLTO WITCH THESE PRESENTS SHAME COMES

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

February 08, 2005

THIS IS TO CERTIFY THAT ANNEXED HERETO IS A TRUE COPY FROM THE RECORDS OF THE UNITED STATES PATENT AND TRADEMARK OFFICE OF THOSE PAPERS OF THE BELOW IDENTIFIED PATENT APPLICATION THAT MET THE REQUIREMENTS TO BE GRANTED A FILING DATE.

APPLICATION NUMBER: 60/536,838

FILING DATE: January 16, 2004 RELATED PCT APPLICATION NUMBER: PCT/US05/01200

Certified by

Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office



PTO/SB/16 (01-04) Approved for use through 07/31/2006. OMB 0651-0032 D. U.S. Pateni and Trademark Office; U.S. DEPARTMENT OF COMMERCE O

ork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number PROVISIONAL APPLICATION FOR PATENT COVER SHEET This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c)

Express Mail Label No. INVENTOR(S) Residence Family Name or Surname (City and either State or Foreign Country) Given Name (first and middle [if any]) Norwalk CT 06854 HEYN separately numbered sheets attached hereto Additional inventors are being named on the TITLE OF THE INVENTION (500 characters max) ANGLED SEALING SURFACE AND METHOD OF MANUFACTURE CORRESPONDENCE ADDRESS Direct all correspondence to: ✓ Customer Number: 25628 OR Firm or Individual Name Address Address State City Telephone Country ENCLOSED APPLICATION PARTS (check all that apply) CD(s), Number Specification Number of Pages Other (specify) Drawing(s) Number of Sheets Application Data Sheet. See 37 CFR 1.76 METHOD OF PAYMENT OF FILING FEES FOR THIS PROVISIONAL APPLICATION FOR PATENT FILING FEE Applicant claims small entity status. See 37 CFR 1.27. Amount (\$) A check or money order is enclosed to cover the filing fees. \$80.00 The Director is herby authorized to charge filing fees or credit any overpayment to Deposit Account Number: 082670 Payment by credit card. Form PTO-2038 is attached. The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government. [V] No. Yes, the name of the U.S. Government agency and the Government contract number are: [Page 1 of 2] Date January 16, 2004 Respectfully submitted.

TELEPHONE 703 838 2700

TYPED or PRINTED NAME William H. Holt

USE ONLY FOR FILING A PROVISIONAL APPLICATION FOR PATENT

REGISTRATION NO. 20,766

Docket Number: Heyn - P1

(if appropriate)

This collection of information is required by 37 CFR 1.51. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO Inis collection of information is required by 37 CFR 1.51. The information is required to obtain or retain a benefit by the public which is to the late 3 hours to complete, including to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 8 hours to complete, including process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 8 hours to complete including the process, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering process. The Comments of the USPTO in the complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. ADDRESS. SEND TO: Mail Stop Provisional Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PROVISIONAL APPLICATION COVER SHEET Additi nal Page

PTO/SB/16 (08-03)

Approved for use through 07/31/2006. OMB 0851-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

INVENTOR(S)/APPLICANT(S)		
Given Name (first and middle (if any))	r anny or commune	
•		·
	ļ	
•		
		1
		1
•		
		1
·		
	· ·	
	·	
·		
·		
	•	
	[Page 2 of 2]	

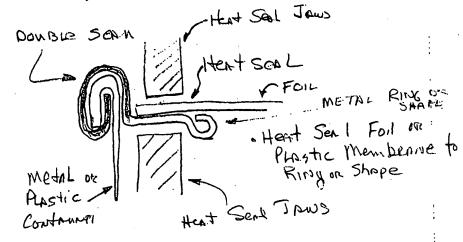
Number

TITLE ANGLED SPALING SURFACE NAW METHOD

William M. Hearin

PAK 1/3

amount Technology:



PLANTIC PLANTIC PLANTIC PLANTIC

PLANTIC PROPERTY OR DROP IMPROPERTY Shear US. Peel

Ivvention Action!

3. IF Metal Ring or SHRPE 13 A REQUIRENTEDT,

A NON HORIZONTAL SCALING SURFACE WOULD

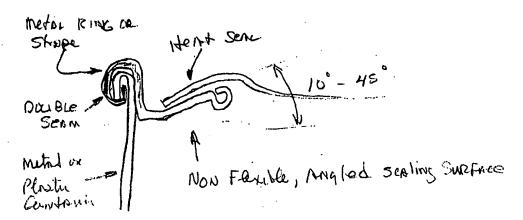
IN CILLISE RESISTANCE to INTERIOR PRESSURE.

Therefore, Forming & Angled Senting SARFACE, IN METAL WHICH IS NOT FLEXIBLE, WOULD INCREASE BUILT THE

BEST AVAILABLE COPY

ARTICAL.

Page Z/3



TEST ROSULTS: FLAT SEAL SMITHICL IS ANGLED 25"

Test #	Descrit	Burst (B)
1	FLAT	72
*2=	ы	7. 7.5
≥ 3	4	22
),t	72
4	- "	- Y
6	H	77
7	· · · · •	25
	Ave	22.8
E	PHOLED	47
9	lą.	41
	ν.	45
10	u	47
11		47
12	3 1	48
13		45
	AVE.	45.7

25° ANDIED YIERDED 100% INCRUMS IN BURST PSI

Investiva Met-Rod:

IF HERT SEDL WAS ATTEMPED ON ANGLED SOOLING IARD, FOIL WOULD WRINKLE CAUBING POTEMPIBL LERKS OR REDUCED STIELING H THEREFORE

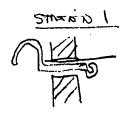
- 1) Heat Seal must BC Accomplished in tap.

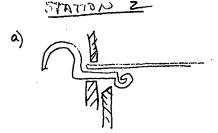
 FLAT AND REFORMED
- OR PRIOR TO REFERENCE TO AVOID REFUTURITY

 The SOAL

THIS CAN BE ACOMPTICAL IN PROGRESSIVE STATIONS ON THE LID MANUFACTURING LINE.

> STATION 1 HERY SEAL STATION 2 CLAMP FOIL AND REFORM







Sorming CHUCK:

NOEMBL CHUCK

Religion Chuck

CHUCK MUST BE KELIEVED 3600 TO AVOID